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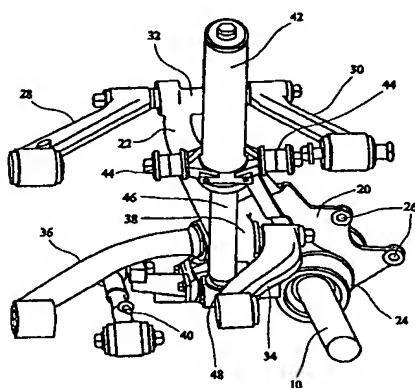
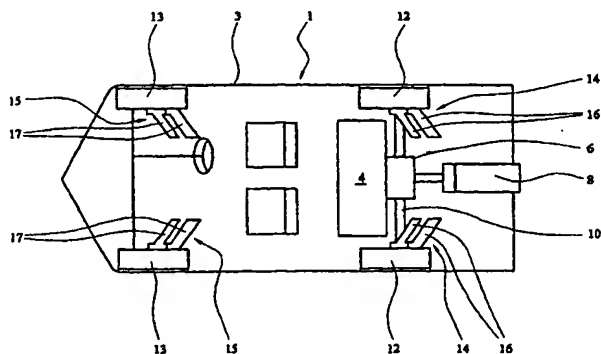
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(54) Title: AMPHIBIOUS VEHICLE SUSPENSION



FWD

(57) Abstract: Suspension for amphibious vehicle. Amphibious vehicle (1) comprises body (3) and retractable road wheels (12, 13). At least one wheel suspension (14, 15) comprises member (20) having bearing 24 supporting a wheel, member (20) being connected to the body by at least one upper link (28, 30), and at least one lower link (34, 36); the bearing being ahead of any connection of lower link(s) with the vehicle body. The bearing may also be ahead of any connection of the lower link(s) with the suspension member. A track control arm (40) may be provided. This arrangement may allow engine (4) to be mounted close to rear driveshafts (10), giving suitable weight distribution for a planing vehicle. The arrangement may also be applied to front and/or non-driven wheels (figs. 3, 4). Hydraulic suspension strut (42) may be used to retract the suspension, pivoting around trunnion mount (44); a strut may act as an upper suspension link.

WO 2004/039613 A1



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